

**GRAPHICAL USER INTERFACE FOR  
DIRECT CONTROL OF DISPLAY OF DATA**

**ABSTRACT OF THE DISCLOSURE**

A graphical user interface for direct control of data displayed in a window-based  
5 computing environment. A slider element is displayed which is variable in size according to  
user input. The slider defines a selected area of an image, which is then displayed. The  
scope of the selected area corresponds to the size of the slider. The resizable slider is then  
resized by a user's direct manipulation, e.g. by a click-and-drag technique, to redefine the  
10 selected area, which is then displayed. The scope of the redefined selected area corresponds  
to the size of the resized slider. Accordingly, a user directly controls (by resizing the slider)  
the scope of data displayed in a window, and directly controls the presentation of data by  
translating the slider to define various selected areas. More than one independently resizable  
slider may intersect to define the selected area and provide independent control of scope in  
various directions.